

Group Art Unit:

Examiner:

1761 N/A

Serial No.:

10/820,488 April 8, 2004

For:

"READY TO EAT FOOD FORMULATION CONTAINING

YOGURT AND PUREED COOKED VEGETABLES AND

PROCESS FOR MANUFACTURE THEREOF**

Atty. Docket No.:

0162-1

Bedminster, NJ 07921 August 30, 2004

Commissioner for Patents Alexandria, VA 22313-1450

Sir:

PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER M.P.E.P. § 708.02 (VIII)

Applicant hereby petitions to make special this new application. The application has not yet been examined by the United States Patent and Trademark Office (the "Office").

Applicant submits that all of the claims in this case are directed to a single invention. As a prerequisite to the grant of special status, if the Office determines that all claims presented are not obviously directed to a single invention, then applicant will make an election, without traverse.

A pre-examination search of the subject matter encompassed by the above-identified application has been made by a professional searcher. The pre-examination search was conducted in the United States Patent and Trademark Office. The field of search covered Class 426, subclasses 34, 43, 52, 583, and 634. Additionally, a computer database search was conducted on the USPTO system EAST and the European Patent Office system ESP@CENET. Examiner Helen Pratt in Class 426 (Art Unit 1761) was consulted in confirming the field of search. The references developed by the pre-examination search were cited in applicant's Information Disclosure Statement dated June 22, 2004. A statement pertaining to the pre-examination search listing the

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references deemed most closely related to the subject matter encompassed by the claims is submitted herewith.

Applicant also submits herewith a detailed discussion of the references, which discussion particularly points out how the claimed subject matter is distinguishable over the references.

Enclosed herewith is a check in the amount of \$130, to cover the fee for this Petition. In the event that any additional fee is deemed to be required by 37 C.F.R. 1.17(h), it is requested that applicants be contacted at (908) 201-0220 and provided an opportunity to effect payment thereof.

A duplicate of this petition is attached.

Respectfully submitted, Marina Shereshevsky

Ernest D. Buff (Her Attorney) Reg. No. 25,833

(908) 201-0220



In re application of:

Marina Shereshevsky

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Sir:

STATEMENT PERTAINING TO PRE-EXAMINATION SEARCH IN ACCORDANCE WITH MPEP § 708.02(VIII)

In accordance with MPEP § 708.02 (VIII), applicant, by and through her attorney, hereby submits that a pre-examination search was made for the above-identified application. The search was conducted by applicant's agents at the United States Patent and Trademark Office. The field of search covered Class 426, subclasses 34, 43, 52, 583, and 634. Additionally, a computer database search was conducted on the USPTO system EAST and the European Patent Office system ESP@CENET. Examiner Helen Pratt in Class 426 (Art Unit 1761) was consulted in confirming the field of search. The references developed by the pre-examination search were cited in applicant's Information Disclosure Statement dated June 22, 2004.

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The search identified the following U. S. Patent Documents, Foreign Patent Documents, and Internet Documents:

UNITED STATES PATENT DOCUMENTS

| Ref. # | Patent No. | Inventor(s) |
|--------|-----------------|-----------------|
| 1 | 5,143,742 | Maroudas |
| 2 | 5,256,438 | Lewis et al. |
| 3 | 6,488,973 B1 | Wright |
| 4 | 2001/0024669 A1 | Zuccato |
| 5 | 2002/0160060 A1 | Kim Chen et al. |
| 6 | 2003/0091694 A1 | Remo |

FOREIGN PATENT DOCUMENTS

| Ref.# | Patent No. | Inventor(s) |
|-------|-------------|---------------------|
| 7 | EP 0002037 | Stussi |
| 8 | EP 0655202 | Giani et al. |
| 9 | GB 2294625 | Oliver |
| 10 | JP 3112454 | Imaizumi Masahiro |
| 11 | JP 55007013 | Yotsuhashi Kazutada |

INTERNET DOCUMENTS

| Ref. # | Author, Title, Date, Pertinent Pages, etc. |
|--------|---|
| 12 | Teri's Kitchen, "Tangy Yogurt Dip With Vegetable Crudités", |
| | http://teriskitchen.com/appetize/yogurtdip-a.html |
| 13 | Good Food Good Health, American Institute for Cancer Research, "Creative With |
| | Thanksgiving Day Tide-Me-Overs", http://www.cookwithaloha.com/beandip.htm |
| 14 | Chef2Chef Culinary Portal, "Vegetables In Yogurt Sauce", |
| | http://recipes.chef2chef.net/recipe-archive/52/276005.shtml |
| 15 | Sweet Baby Media, "Curried Croquettes", |
| | http://www.sweetbabymedia.com/recipes/allbynumber4/017415.shtml |
| 16 | Mangels, Reed et al., DAILYVEG, "Nutrition in Childhood", |
| | http://dailyveg.com/other/childhood.php |

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Each of the foregoing references have been identified and discussed in the Detailed

Discussion of the References Submitted in Compliance with MPEP § 708.02(VIII).

Respectfully submitted, Marina Shereshevsky

Ernest D. Buff (Her Attorney)

Reg. No. 25,833 (908) 201-0220

<u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

In re application of:

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Bedminster, NJ 07921 August 30, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

<u>WITH THE INFORMATION DISCLOSURE STATEMENT</u> IN COMPLIANCE WITH MPEP § 708.02 (VIII)

In accordance with MPEP § 708.02(VIII), applicant hereby submits a detailed discussion of references applicable to the above-identified application. Each of these references was listed in the Information Disclosure Statement filed with the United States Patent and Trademark Office on June 22, 2004, in connection with the above-identified application.

1. U. S. Patent No. 5,143,742 to Maroudas

U.S. Patent No. 5,143,742 to Maroudas (hereinafter the "742 patent") discloses a process for the production of a food product usable as a bread spread, creamy food, and / or a base material for the production of food products consisting predominantly of milk protein, unsaturated vegetable oil and water. The process for the production of the food product employs the dehydration of curds,

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yogurt, or other milk protein in flocculent form, reducing the weight by 50% to 85%, preferably

50% to 70%. Following dehydration, 4 to 40% by weight unsaturated vegetable oil is added, and

the mixture is stirred at room temperature. The process yields a soft, creamy product with a solid

consistency similar to that of butter or margarine, and has a neutral taste. The patent further

discloses that additives may be added, including pulverized dried, raw, or cooked vegetables.

Significantly, the '742 patent provides for the dehydration of yogurt, removing water until

the weight is reduced from 50 to 85 percent. Following dehydration the '742 patent provides for the

addition of unsaturated vegetable oil and, optionally, the addition of pulverized vegetables. The

resulting food product is an emulsified food product, comprised primarily of dehydrated yogurt and

unsaturated vegetable oil (4 to 40% by weight). Notably, the dehydration of the curds, yogurt, or

other flocculated milk protein, changes the chemical properties by increasing the concentration of

various elements and changing the overall consistency. As a result, the food product disclosed by

the '742 patent is suitable as a bread spread, creamy food, or as a base material for other food

products but, is generally not suitable as a snack or meal as a typical yogurt.

Unlike the spread or base material food product disclosed by the '742 patent, applicant's

claims 1 - 18 define a ready to eat vegetable yogurt food product and process for making the same.

Specifically, the ready to eat vegetable yogurt recited by applicant's claims 1-18 comprises cooked

pureed vegetables, plain yogurt, and natural additives to enhance flavor and taste. In accordance

with applicant's claims 1 - 18, the vegetables, plain yogurt, and natural additives are blended to

form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat vegetable

yogurt recited by applicant's claims 1 - 18 is stored at refrigeration temperatures, wherein the

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cooked pureed vegetables remain unfermented, and are readily consumed without further

preparation. Applicant's claimed ready to eat vegetable yogurt food product is comprised of all

natural ingredients, none of which undergo dehydration. Furthermore, the food product and process

thereof defined by applicant's claims 1 - 18 does not contain nor utilize unsaturated vegetable oil.

The addition of such oils, as called for by the '742 patent, ultimately effects the overall taste,

texture, and nutritional value associated with the food product. Clearly, the ready to eat vegetable

yogurt defined by applicant's claims 1-18 is not disclosed nor suggested by the '742 patent.

These structural differences patentably distinguish the invention called for by applicant's

claims 1 - 18 from the '742 patent disclosure.

2. U. S. Patent No. 5,256,438 to Lewis et al.

US Patent 5,256,438 to Lewis et al. (hereinafter the "438 patent") discloses ready-to-eat,

preserved fruit products that are dehydrated to a soluble solid level of 40% to 60%, a moisture level

of 35% to 55% and a water activity level of 0.75 to 0.90. The object of the invention is to provide a

natural edible fruit product which will not freeze at temperatures ranging from 0° C to -25° C, more

particularly -15° C to -25° C, preferably about -20° C. The '438 patent further discloses processes

for producing the preserved fruit products and foods containing the fruit products.

Specifically, the '438 patent teaches that the preserved, "non-freeze", fruit products can be

used as additives to yogurts, ice creams, and frozen deserts. The fruit preserves are prepared

through the removal of water, optionally after blanching, dehydrating at least 20% to about 50% of

their original weight effective to reach a final sugar solid content of about 50% by weight.

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On the other hand, applicant's claims 1 - 18 define a ready to eat vegetable yogurt food

product and process for making the same, comprising cooked pureed vegetables homogeneously

blended in plain yogurt. Applicant's claimed ready to eat vegetable yogurt also contains additives

for adjusting the yogurt to the desired taste. Unlike the '438 patent, the ready to eat vegetable

yogurt defined by applicant's claims 1 - 18 does not call for the dehydration of the vegetables, nor

is applicant's claimed vegetable yogurt a non-freeze preserved product capable of withstanding

extreme temperatures. In fact, applicant's claimed ready to eat vegetable yogurt comprises all

natural products and, as such, it must be consumed within certain stability related time periods (i.e.

before fermentation of the vegetables contained therewithin).

More specifically, the '438 patent calls for the dehydration of fruit. Such a dehydration

process operates to increasing the sugar to solids ratio of the fruit. The overall sweetness of the

dried fruit is increased, and the composition and taste of the fruit are markedly different. On the

other hand, the vegetables used in the applicant's manufacturing process and vegetable yogurt food

product produced therefrom, as delineated by applicant's claims 1 - 18, are not dehydrated.

Accordingly, the ready to eat vegetable yogurt defined by applicant's claims 1 - 18 has a vastly

different composition, taste, texture, and nutritional makeup than the food product disclosed by the

'438 patent. Advantageously, the vegetable yogurt recited by applicant's claims 1 - 18 is not only

nutritional, but is easily made with the minimum of basic culinary utensils.

In view of these structural and procedural differences, the invention delineated by claims 1

- 18 patentably differentiates the '438 patent disclosure.

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U. S. Patent No. 6,488,973 to Wright

US Patent 6,488,973 to Wright (hereinafter the '973 patent) discloses a cooking pouch that

contains a frozen food product. Such product comprises a raw protein portion, a raw or partially

cooked or blanched vegetable portion, and a sauce. The raw protein portion preferably consists of

fish, beef, or poultry.

The '973 patent discloses the sauce utilized can include at least one of the following

ingredients: garlic butter, pecan butter, lemon dill, meuniere, etoufee, etoufee with shrimp and/ or

dijon garlic. The '973 patent does not clearly indicate that the sauce can include milk protein base

(i.e. yogurt) or soy yogurt as an ingredient. Furthermore, the food product provided by the '973

patent is frozen and must be subjected to heat before eating, and is not therefore suitable for

immediate consumption. Upon subjection to heat the protein and vegetables portions located in the

'973 patent's pouch cooks and becomes edible. In order to facilitate the cooking process, the

vegetables in the pouch are partially cooked, so that the time remaining to complete cooking of the

vegetables is approximately the same as the time required to cook the raw protein portion.

Moreover, the food product disclosed by the '973 patent is not homogeneously mixed, but rather

remains a heterogeneous mixture with the protein portion and vegetables remaining in tact (i.e. not

puréed to a smooth texture).

In contrast, the ready to eat vegetable vogurt recited by applicant's claims 1-18 comprises

cooked pureed vegetables, plain yogurt, and natural additives to enhance flavor and taste.

Applicant's claims 1 - 18 delineate that the vegetables, plain yogurt, and natural additives are

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blended to form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat

vegetable yogurt recited by applicant's claims 1 - 18 is stored at refrigeration temperatures, wherein

the cooked pureed vegetables remain unfermented, and is readily consumed without further

preparation. This is not permitted by the '973 patent teaching, which requires a further cooking step

following preparation of the disclosed cooking pouch.

Furthermore, the food product and process defined by applicant's claims 1 - 18 does not

contain a protein portion (fish, beef, poultry, pork, or veal), but is purely vegetarian in nature. The

addition of a protein portion, as called for by the '973 patent, ultimately effects the overall taste,

texture, and nutritional value associated with the food product. Clearly, the ready to eat vegetable

vogurt defined by applicant's claims 1-18 is not disclosed nor suggested by the '973 patent.

In view of these structural and procedural differences, claims 1-18 patentably differentiate

the '973 patent disclosure.

U. S. Patent Application Publication No. 2001/0024669 to Zuccato

US Patent Application Publication No. 2001/0024669 to Zuccato (hereinafter the "669

publication") discloses a process for the production of a vegetable yogurt and the vegetable yogurt

product produced from that process. The process utilizes the fermentation of vegetable products

under the action of lactic bacteria in the formation of a vegetable yogurt.

Significantly, the process disclosed in the '669 publication uses a vegetable starting material

made up of a plurality of vegetable substances of different vegetable species. These various

vegetable substances are mixed in different ratios. The mixture is then ground and a dense liquid is

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extracted from the mixture. After grinding, water is added in variable amounts according to the type

of vegetables used. There is then added thereto suitable ratios of different typologies of fruit and / or

green vegetables in order to adjust the sugar concentration and pH values of the vegetable mixture.

The sugar concentration and pH values are determined based on a range conducive to the

development of lactic bacteria. The mixture is thereafter inoculated with either mesophile

mircororganisms or mircobich species to produce the vegetable yogurt disclosed by the '669

publication.

The process and product disclosed by the '669 publication provides for the formation of a

vegetable yogurt that is derived from the vegetables themselves through direct fermentation of the

vegetables. Contrary to the vegetable yogurt process and product disclosed in the '669 publication,

the vegetables utilized in the ready to eat vegetable yogurt delineated by applicant's claims 1 - 18

are not fermented. In fact, applicant's claims recite a ready to eat vegetable yogurt that comprises all

natural products and must be stored at refrigeration temperatures specifically to avoid the

fermentation of the cooked pureed vegetables therein.

Clearly, the properties exhibited by the food product of the '669 publication differ

significantly from those inherent in the ready to eat vegetable yogurt recited by applicant's claims 1

- 18. Fermentation of the vegetables via the '669 publication, causes a chemical change therein by

way of an enzymatic transformation of organic substrates. This chemical change decreases the

overall nutritional properties of the vegetable. On the other hand, the vegetables used in the ready

to eat vegetable yogurt recited by applicant's claims 1 - 18 do not undergo any such chemical

processes, and the vegetables retain their natural chemical make-up and nutritional values.

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Advantageously, the applicant's claimed vegetable yogurt is readily made quickly and conveniently

with the minimum of culinary utensils and can be immediately consumed without extensive wait

time after preparation.

In view of these structural and procedural differences, the invention delineated by claims 1

- 18 patentably differentiates the '669 publication disclosure.

5. U. S. Patent Application Publication No. 2002/0160060 to Kim Chen et al.

US Patent Application Publication No. 2002/0160060 to Kim Chen et al. (hereinafter the

"060 publication") discloses a food product in the form of a bread spread that contains

phytoestrogens. Also disclosed is a method for producing the bread spreads. The '060 publication

seeks to set forth a way to introduce phytoestrogens into one's diet by incorporating the estrogen

into a food product, such as a bread spread, and thereby avoiding the necessity of taking the

estrogen like compound via pharmaceutical pill form.

Specifically, the '060 publication discloses a process for incorporating phytoestrogens in the

diet by way of a water-in-oil spread. The phytoestrogen food product process in the '060

publication comprises the steps of extracting the phytoestrogens from the food source, preparing a

spread by combining a fat phase with an aqueous phase, and adding the phytoestrogens and other

additives to the resulting emulsion. The phytoestrogen product comprises a fat (i.e. preferably

triglyceride fat derived from vegetable sources), water, gelling agent, additives, and phytoestrogens.

The '060 publication calls for the emulsification of a fat and aqueous phase, followed by the

addition of various additives and phytoestrogens. The resulting food product consists of an

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emulsified food product, and is suitable as a bread spread, but is not directly ingested as a typical

yogurt would be. Rather, it exhibits a solid, butter-like texture. Moreover, there are no vegetables

directly added to the '060 publication food product, rather the lignan phytoestrogen is merely

extracted from the vegetables and added. The vegetables themselves are not added to the emulsion.

As a result, the bulk of the nutritional value of the vegetable is not added to the food product; just

the extracted phytoestrogen is added.

By way of distinction, the ready to eat vegetable yogurt recited by applicant's claims 1-18

comprises cooked pureed vegetables, plain yogurt, and natural additives to enhance flavor and taste.

Applicant's claims 1 - 18 delineate that the vegetables, plain yogurt, and natural additives are

blended to form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat

vegetable yogurt recited by applicant's claims 1-18 is stored at refrigeration temperatures, wherein

the cooked pureed vegetables remain unfermented, and is readily consumed without further

preparation.

The process and food product recited by applicant's claims 1 - 18 does not implement the

addition of fats and oils, but rather utilizes a plain yogurt and cooked, puréed, vegetables. On the

other hand, the '060 publication does not call for the addition of vegetables, but merely the addition

of phytoestrogens extracted from a vegetable source. Thus, the ready to eat vegetable yogurt

defined by applicant's claims 1 - 18 has a completely different nutritional make-up than the food

product disclosed in the '060 publication.

These structural and procedural differences provide ample basis for predicating patentability

of present claims 1 - 18 over the '060 publication disclosure.

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6. U. S. Patent Application Publication No. 2003/0091694 to Remo

US Patent Application Publication No. 2003/0091694 to Remo (hereinafter the "694

publication") discloses a process for the production of a vegetable yogurt formed by the

fermentation of vegetable products, such as green vegetables and fruits, under the action of lactic

acid bacteria. Firstly, the green vegetables and /or fruit are homogenized; water is added to obtain a

creamy liquid product, which is then pasteurized. Afterwards the cultures of lactic acid bacteria are

inoculated, whereby the fermentation step is carried out at a temperature dependant on the strain of

lactic acid bacteria used until the pH reaches a value of about 3.8 to 4.5. At that point fragrances

and / or thickening agents, fruit purée, or fruit in small pieces are added and the product is

packaged.

Significantly, the process disclosed by the '694 publication calls for the formation of a

vegetable vogurt derived from the vegetables themselves through fermentation of the vegetables.

Contrary to the ready to eat vegetable yogurt recited by applicant's claims 1 - 18 in which the

vegetables are do not undergo fermentation, and in fact fermentation is purposely avoided.

Fermentation of the vegetables described by the '694 publication causes a chemical change in the

vegetable by way of an enzymatic transformation of organic substrates. This chemical change

decreases the overall nutritional properties of the vegetable. Starkly to the contrary, the vegetables

vogurt recited by applicant's claims 1 - 18 does not involve the fermentation of the vegetable, nor

any other processes which can vastly effect the character of the vegetable.

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Clearly, the properties exhibited by the food product of the '694 publication differ

significantly from those inherent in the ready to eat vegetable yogurt recited by applicant's claims 1

- 18. Advantageously, applicant's claimed vegetable yogurt is readily made quickly and

conveniently with the minimum of culinary utensils and can be immediately consumed without

extensive wait time after preparation. On the other hand, the '694 patent process requires

fermentation techniques, pH adjustment techniques, and cultivation techniques. Moreover, the

vegetable yogurt recited by applicant's claims 1 - 18 retains the nutritional values innate to fresh

vegetables, yielding a delicious, completely natural source of vitamins.

These structural and procedural differences patentably differentiate applicant's claims 1-18

from the '694 publication disclosure.

7. European Patent No. EP 0002037 to Stussi

European Patent No. EP 0002037 to Stussi (hereinafter the "037 EP patent") discloses a

method for filling containers with 'sundae-style' yogurt including the steps of placing a transparent

lid over the top of a container, and providing an opening in the bottom of the closed, empty

container. The container is then inverted and a layer of fruit fraction is added to the container to

form a layer of fruit preserves, and the remainder of the container is filled with a bacteriologically

inoculated, gum stabilized liquid milk fraction. The container is then sealed and incubated so that

fermentation of the liquid milk fraction produces yogurt, followed by refrigeration.

In an optional embodiment disclosed by the '037 EP patent the container is in its upright

position and the milk fraction is added; after incubation the yogurt is produced and a layer of fruit

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preserves is added to the top surface of the yogurt, which has sufficient gel strength to support the

fruit layer. The method is suited for allowing a technique, which provides a sundae-style yogurt by

inhibiting the intermingling of fruit preserves with the yogurt fraction thus yielding a sundae-style

yogurt. Another embodiment sets forth a technique for inhibiting intermingling of fruit preserves

with the yogurt fraction by providing a water-insoluble, semi-solid edible barrier of hydrogenated

animal fat or hydrogenated vegetable oil at the interface between the fruit preserves and the liquid

milk or yogurt fraction.

Significantly, the '037 EP patent method is suited for the production of a sundae-style

yogurt by preventing the homogenous mixture of the fruit preserve layer with the yogurt fraction.

The fruit preserves are not homogenously mixed with the yogurt and no vegetables are added to the

yogurt. Moreover, the method in the '037 EP patent focuses on the inhibition of the fruit preserve

mixture and the yogurt in order to form a sundae like treat.

By way of contrast, applicant's claims 1 – 18 delineate a homogeneous mixture of blended

puréed vegetables and yogurt that is a ready to eat vegetable yogurt. The ready to eat vegetable

yogurt recited by applicant's claims 1 - 18 comprises cooked pureed vegetables, plain yogurt, and

natural additives to enhance flavor and taste. Applicant's claims 1 - 18 define that the vegetables,

plain yogurt, and natural additives are blended to form a homogeneous, uniform mixture of ready to

eat vegetable yogurt. The ready to eat vegetable yogurt recited by applicant's claims 1-18 is stored

at refrigeration temperatures, wherein the cooked pureed vegetables remain unfermented, and is

readily consumed without further preparation.

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These structural and procedural differences patentably distinguish the invention delineated

by applicant's claims 1 - 18 from the '037 EP patent disclosure.

8. European Patent No. EP 0655202 to Giani et al.

European Patent No. EP 0655202 to Giani et al. (hereinafter the "202 EP patent") discloses

a yogurt including components having healthy functions. The '202 EP patent comprises a food

product made from a lean yogurt, sugared by 9.4% saccharose. The process further comprises the

steps of adding mash, fruit juices, and natural vegetable extracts to the yogurt. The vegetable

extracts are obtained by first extracting the juice from the vegetable raw materials through extraction

methods (i.e. such as evaporation). Secondly, the extracted materials are then subject to thermal

processing in order to concentrate the extracted juices to a higher potency. The patent also discloses

yogurts that have tonic properties, including a bilberry and ginseng yogurt, a passiflore and

chamomile yogurt, and a plum mash and strawberry with rhubarb yogurt.

Significantly, the '202 EP patent calls for the extraction of juice from raw vegetables,

followed by concentration of the extract. Although extraction of the juice from a vegetable does

yield some of the nutritional character of the vegetable, there are certain nutritional characteristics

which cannot be obtained purely through extraction. For instance, some nutritional value is

inherent in the skin or pulp of the vegetable. Generally, the consumption of vegetable as a whole

yields greater nutritional benefits than that obtained from merely consuming the vegetable's

extracted juices. Furthermore, the '202 EP patent discloses thermally heating the juice extract in

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order to concentrate the juice extract. Such treatment via thermal processes has the tendency to

decompose various heat-unstable nutrients and vitamins in the vegetable's extract.

On the other hand, the food product defined by applicant's claims 1-18 recites a ready to

eat vegetable yogurt and process for manufacturing that does not utilize nor require the extraction of

the juices from the vegetable. Rather, the ready to eat vegetable yogurt and process defined by

applicant's claims 1 - 18 requires that the whole vegetable is added to the yogurt. While the '202

EP patent implicitly calls for discarding the pulp or shell of the vegetable after the juices are

extracted, the applicant's claimed ready to eat vegetable yogurt requires the addition of the complete

vegetable.

Furthermore, the '202 EP patent provides for thermal treatment of the extracted juices in

order to increase the concentration of the juice; such thermal treatment is predisposed to

decomposing certain nutrients. The ready to eat vegetable yogurt recited by applicant's claims 1 -

18 does not call for thermal treatment of extracted juices, thereby reducing the likelihood of

decomposing certain nutrients. Accordingly, the ready to eat vegetable yogurt defined by applicant's

claims 1 – 18 has a vastly different composition, taste, texture, and nutritional makeup than the food

product disclosed by the '202 EP patent. Advantageously, the vegetable yogurt recited by

applicant's claims 1 - 18 is not only nutritional, but is easily made with the minimum of basic

culinary utensils.

These structural and procedural distinctions strongly support patentability of applicant's

claims 1 - 18 over the '202 EP patent disclosure.

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Great Britain Patent No. GB 2294625 to Oliver

Great Britain Patent No. GB 2294625 to Oliver (hereinafter the "625 GB patent") discloses

a vogurt comprising rosaceous fruit, preferably one or more of apple, pear, plum and / or damson,

and additionally comprising one or more vegetables, herbs, and/or spices. The object of the

disclosure is to set forth a vegetable type yogurt including the incorporation of rosaceous fruit to act

as preservatives for the yogurt food product.

Specifically, the '625 GB patent comprises a roseaceous fruit, a vegetable, and herbs or

spices. The yogurt comprises up to 12% by weight of added sugar. The disclosure sets forth that

vegetables are to be added and shall comprise one or more of celery, tomato, beetroot, courgette,

pepper, marrow, onion, leeks, parsnips, swede, carrots, beans and /or potato. Furthermore, the '625

GB patent discloses that the weight percent of the vegetables to be used is within the range of 12 to

20 weight percent, and in particular 16 weight percent.

By way of contrast, the vegetable yogurt and process thereof delineated by applicant's

claims 1 - 18 does not call for nor contain fruit or herbs and / spices. Specifically, the ready to eat

vegetable vogurt recited by applicant's claims 1 - 18 comprises cooked pureed vegetables, plain

yogurt, and natural additives to enhance flavor and taste. Applicant's claims 1 - 18 delineate that

the vegetables, plain yogurt, and natural additives are blended to form a homogeneous, uniform

mixture of ready to eat vegetable yogurt. The ready to eat vegetable yogurt recited by applicant's

claims 1 – 18 is stored at refrigeration temperatures, wherein the cooked pureed vegetables remain

unfermented, and is readily consumed without further preparation.

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These structural and procedural distinctions provide ample basis upon which to predicate

patentability of applicant's claims 1 - 18 over the '625 GB patent disclosure.

10. Japanese Patent No. JP 3112454 to Imaizumi et al.

Japanese Patent No. JP 3112454 to Imaizumi et al. (hereinafter the "454 JP patent")

discloses a vegetable yogurt-jelly food product. The process for formulating the food product

comprises the mixing of vegetables, yogurt and a gelling agent. The '454 JP patent does not restrict

the kinds of vegetable to be used, setting forth that any kind of leaf vegetable, root vegetable, fruit

vegetable, stem vegetable, or flower vegetable can be used as the vegetable. The process provides

that a conventional plain yogurt can be used as the yogurt. The gelling agent may be carrageenan,

agar, gelatin, gellan gum, pectin, canthan gum or a mixture thereof. The purpose of the invention is

to suppress the grassy smell of vegetables and improve the taste and flavor by mixing vegetables,

yogurt and a gelling agent.

Specifically, the '454 JP patent comprises a vegetable, gelling agent, and yogurt. In contrast,

the ready to eat vegetable yourt and process thereof defined by applicant's claims 1 - 18 does not

utilize any type of jelling agent, but is comprised of all natural vegetables and yogurt, such as soy

yogurt. We understand that the addition of a gelling agent as set forth by the '454 JP operates to

change the overall taste, consistency, and nutritional make-up of the food product. Advantageously,

the applicant's claimed vegetable yogurt is convenient to make and requires a minimum of kitchen

aids, while the '454 JP patent process requires the addition of gelling agents. Unlike the gelled

yogurt taught by the '454 JP patent, the ready to eat vegetable yogurt delineated by applicant's

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claims 1 -18 retains the nutritional values innate to fresh vegetables, thereby providing a delicious,

completely natural source of vitamins. Particularly, the ready to eat vegetable yogurt recited by

applicant's claims 1 - 18 comprises cooked pureed vegetables, plain yogurt, and natural additives to

enhance flavor and taste. Applicant's claims 1 - 18 delineate that the vegetables, plain yogurt, and

natural additives are blended to form a homogeneous, uniform mixture of ready to eat vegetable

yogurt.

In light of these structural and procedural differences, the invention defined by applicant's

claims 1 - 18 and the '454 JP patent disclosure are patentably distinct.

11. Japanese Patent No. JP 55007013 to Yotsuhashi

Japanese Patent No. JP 55007013 to Yotsuhashi (hereinafter the "013 JP patent") discloses

a process and food product. Gelatin, finely cut or ground vegetables, extracts, juices, or cooked

vegetables are added to vogurt either before or after fermentation. The object of the process is to

prepare a yogurt containing vegetables having softened fermentation odor and improved flavor, by

adding vegetables to the yogurt during the preparation step. The vegetables are added to one or both

layers of yogurt and a jelly is prepared by using a gelatinizing agent.

Specifically, the '013 JP patent comprises a vegetable, gelling agent, and yogurt with the

addition of the vegetable before or after fermentation of the vegetables. The vegetables are added to

the yogurt during the yogurt preparation step. A gelatinizing agent is also added to the vegetable

yogurt food product. Vegetable fermentation, as required by the '013 JP patent process, results in a

food product that exhibits properties significantly different from a food product that does not

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involve vegetable fermentation. Fermentation of the vegetables causes a chemical change in the

vegetable by way of an enzymatic transformation of organic substrates. This chemical change alters

the overall inherent nutritional properties of the vegetable.

By way of contrast, the ready to eat vegetable yogurt and process thereof defined by

applicant's claims 1 - 18 does not utilize fermented vegetables. Specifically, the ready to eat

vegetable yogurt recited by applicant's claims 1 - 18 comprises cooked pureed vegetables, plain

yogurt, and natural additives to enhance flavor and taste. Applicant's claims 1-18 delineate that

the vegetables, plain yogurt, and natural additives are blended to form a homogeneous, uniform

mixture of ready to eat vegetable yogurt. The ready to eat vegetable yogurt recited by applicant's

claims 1 - 18 is stored at refrigeration temperatures, wherein the cooked pureed vegetables remain

unfermented, and is readily consumed without further preparation.

These structural and procedural distinctions provide ample basis upon which to predicate

patentability of applicant's claims 1 - 18 over the '013 JP patent disclosure.

12. Reference found at http://teriskitchen.com/appetize/yogurtdip-a.html by Teri's Kitchen

Web-literature on Teri's Kitchen entitled "Tangy Yogurt Dip With Vegetable Crudités"

found at http://teriskitchen.com/appetize/yogurtdip-a.html (hereinafter the "Dip Reference")

discloses a vegetable dip recipe comprising the mixing of yogurt with various herbs. Fresh raw or

cooked vegetables can then be immersed in the dip and consumed. The dip disclosed in the 'Dip

Reference does not itself contain fresh raw or cooked vegetables, but is merely used for dipping

such vegetables.

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On the other hand, the ready to eat vegetable yogurt and process thereof delineated by

applicant's claims 1 - 18 calls for the homogeneous mixing of cooked puréed vegetables with plain

yogurt. Whereas the 'Dip Reference discloses a means of adding flavor to a vegetable by way of

coating the vegetable with the dip agent, the vegetable yogurt and process thereof defined by

applicant's claims 1-18 requires the complete homogenous mixing of vegetables with plain yogurt.

Clearly, the ready to eat vegetable yogurt defined by applicant's claims 1-18 is not disclosed nor

suggested by the 'Dip Reference.

Specifically, the ready to eat vegetable yogurt recited by applicant's claims 1-18 comprises

cooked pureed vegetables, plain yogurt, and natural additives to enhance flavor and taste.

Applicant's claims 1 - 18 delineate that the vegetables, plain yogurt, and natural additives are

blended to form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat

vegetable yogurt recited by applicant's claims 1-18 is stored at refrigeration temperatures, wherein

the cooked pureed vegetables remain unfermented, and is readily consumed without further

preparation.

In light of these structural and procedural differences, the invention recited by applicant's

claims 1 - 18 and the 'Dip Reference disclosure are patentably distinct.

Reference found at http://www.cookwithaloha.com/beandip.htm by Cook With Aloha 13.

Web-literature to Cook with Aloha entitled "Good Food/Good Health: Creative With

Thanksgiving Day Tide-Me-Overs" found at http://www.cookwithaloha.com/beandip.htm

(hereinafter the "Tide-Me-Overs Reference") discloses vegetable chips. The 'Tide-Me-Overs

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Reference provides vegetable chips made by slicing vegetables (i.e. carrots, beets, or sweet

potatoes) paper thin and baking them on an un-greased baking sheet until crisp, then dipping the

vegetable chips into a dip. The 'Tide-Me-Overs Reference further discloses that blanched

vegetables may be used as dippers for the dip as well, and discloses a recipe for a White Bean Dip.

The dip disclosed by the 'Tide-Me-Over Reference contains no yogurt. Furthermore, the dip itself

does not contain the fresh raw or cooked vegetables, but is merely used for dipping such vegetables.

By way of contrast, the ready to eat vegetable yogurt recited by applicant's claims 1 - 18

comprises cooked pureed vegetables, plain yogurt, and natural additives to enhance flavor and taste.

Applicant's claims 1 - 18 delineate that the vegetables, plain yogurt, and natural additives are

blended to form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat

vegetable yogurt recited by applicant's claims 1 - 18 is stored at refrigeration temperatures, wherein

the cooked pureed vegetables remain unfermented, and is readily consumed without further

preparation. Clearly, the ready to eat vegetable yogurt defined by applicant's claims 1-18 is not

disclosed nor suggested by the 'Tide-Me-Over Reference which merely discloses a vegetable chip

food product.

These structural and procedural distinctions provide ample basis upon which to predicate

patentability of applicant's claims 1 – 18 over the 'Tide-Me-Over Reference disclosure.

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Reference found at http://recipes.chef2chef.net/recipe-archive/52/276005.shtml by

Chef2Chef

Web-literature to Chef2Chef entitled "Vegetables In Yogurt Sauce" found at

http://recipes.chef2chef.net/recipe-archive/52/276005.shtml (hereinafter the "Sauce Reference")

discloses a recipe comprising the preparation of cooked vegetables. These vegetables include

zucchini, yellow squash, carrots, and green onions, basking in a sauce comprising various herbs.

The recipe further calls for vegetable broth, sour cream, cornstarch and plain yogurt.

The 'Sauce Reference calls for cooking the vegetables in oil, and does not call for the

cooking of vegetables by way of steam, boiling, or blanching of the vegetables. The 'Sauce

Reference provides a recipe that requires the addition of herbs to be continued until the desired taste

is reached. The 'Sauce Reference also discloses that equal parts yogurt and sour cream are to be

used.

On the other hand, the ready to eat vegetable yogurt and process defined by applicant's

claims 1 – 18 comprises cooked pureed vegetables, plain yogurt, and natural additives to enhance

flavor and taste. In accordance with applicant's claims 1 - 18, the vegetables, plain yogurt, and

natural additives are blended to form a homogeneous, uniform mixture of ready to eat vegetable

yogurt. The ready to eat vegetable yogurt delineated by applicant's claims 1 - 18 is readily made

with the minimum of culinary tools, and can be consumed alone as a meal or healthy snack.

In light of these structural and procedural differences, the invention recited by applicant's

claims 1 - 18 and the 'Sauce Reference disclosure are patentably distinct.

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Reference found at http://www.sweetbabymedia.com/recipes/allbynumber4/017415.shtml by

Jennifer Caher

Web-literature on Sweet Baby Media entitled "Stamp For Fun: Curried Croquets" by

Jennifer Caher found at http://www.sweetbabymedia.com/recipes/allbynumber4/017415.shtml

(hereinafter the "Croquets Reference") discloses a recipe for a sausage shaped appetizer. The

sausage shaped appetizer disclosed by the 'Croquets Reference is comprised of cooked beans,

chopped onion, curry, lemon and salt and pepper. The recipe sets forth that the appetizer may be

served with salad, rice, vegetables, and soy yogurt mixed with fresh chopped mint and/ or chopped

chilies. The 'Croquets Reference does not disclose that vegetables are to be homogeneously mixed

with a yogurt. Instead, the reference indicates that the vegetables should act as a side to the yogurt.

The recipe also discloses that herbs are to be added to the sauce until the desired taste is reached.

Significantly, the vegetable yogurt and process thereof defined by applicant's claims 1-18

calls for the homogeneous mixing of cooked puréed vegetables with plain yogurt. The ready to eat

vegetable vogurt and process defined by applicant's claims 1 - 18 comprises cooked pureed

vegetables, plain yogurt, and natural additives to enhance flavor and taste. Applicant's claims 1 -

18 require that the vegetables, plain yogurt, and natural additives be blended to form a

homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat vegetable yogurt

delineated by applicant's claims 1 - 18 is readily made with the minimum of culinary tools, and can

be consumed alone as a meal or healthy snack

These structural and procedural distinctions provide ample basis upon which to predicate

patentability of applicant's claims 1 - 18 over the 'Croquets Reference disclosure.

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Reference found at http://dailyveg.com/other/childhood.php by Reed Mangels et al. 16.

Web-literature Dailyveg entitled "Nutrition in Childhood" found at on

http://dailyveg.com/other/childhood.php by Reed Mangels and Katie Kavanagh-Prochaska

(hereinafter the "Dailyveg Reference") discusses the food diets of vegan children. Specifically, the

'Dailyveg Reference describes various nutrients needed and sources in which they can be found.

The article suggests some special tips for feeding preschoolers by cutting vegetables into different

shapes and hiding small pieces of soft fruit in soy yogurt. It also suggests chopping or puréeing

vegetables and adding them to pasta sauce or soup. The article concludes with sample meal plans

for vegan children from infancy to childhood.

Significantly, the 'Dailyveg Reference does not disclose a vegetable yogurt derived from soy

or from milk protein. In addition, there is no disclosure in the 'Dailyveg Reference concerning a

process for producing a vegetable yogurt food product. The reference merely discusses vegetables

in the sense of chopping vegetables into various shapes or puréeing vegetables and adding them to

sauces or soups. It does not disclose a vegetable yogurt product, the only reference to yogurt (soy)

deals with eating the yogurt plain or by hiding fruit pieces in the yogurt. The addition of puréed

vegetables to soups and sauces is distinct from the addition of puréed vegetables to yogurt.

The vegetable yogurt and process thereof defined by applicant's claims 1 - 18 calls for the

homogeneous mixing of cooked puréed vegetables with plain yogurt. The ready to eat vegetable

yogurt and process defined by applicant's claims 1 – 18 comprises cooked pureed vegetables, plain

yogurt, and natural additives to enhance flavor and taste. Applicant's claims 1 - 18 call for the

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vegetables, plain yogurt, and natural additives to be blended to form a homogeneous, uniform mixture of ready to eat vegetable yogurt. The ready to eat vegetable yogurt delineated by

applicant's claims 1 - 18 is readily made with the minimum of culinary tools, and can be consumed

alone as a meal or healthy snack

The 'Dailyveg Reference disclosure thus differs from the invention delineated by applicant's

claims 1 - 18 in both product and process terms.

When compared to any product or process disclosed by the 'Dailyveg Reference, the

presence of substantial product and process differences make the invention recited by claims 1-18

patentably distinct.

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Bedminster, NJ 07921 August 30, 2004

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